



**State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES**

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(603) 271-2457 FAX (603) 271-7894



Jan Filip
Storybook Motor Inn
PO Box 129
Glen, New Hampshire 03838

LETTER OF DEFICIENCY
WMB PBF 02-06
February 15, 2002

Dear Mr. Filip:

The Department of Environmental Services, Water Division ("DES") is required by RSA 485-A:26 to operate a program to ensure the health and safety of the public when using public bathing facilities such as pools and spas. To implement this program, DES has adopted administrative rules Env-Ws 1101-1105 to specify the design, operation, and maintenance requirements for public bathing facilities. DES reviews applications for new public bathing facilities and also inspects and tests the water in existing public bathing facilities to ensure that applicable requirements are being met.

On February 11, 2002, DES inspected the following public bathing facilities at the Storybook Motor Inn in Bartlett, NH: the indoor pool ("Indoor Pool") and spa ("Indoor Spa"). During this inspection the following deficiencies were noted:

- 1 A recommendation to close and drain the Indoor Spa was issued on February 11, 2002. The inspection on February 11, 2002 revealed that the Indoor Spa was in violation of Env-Ws 1103.14 and unsafe for public use. The following bacterial violations were observed in the Indoor Spa water:
 - (a) Pursuant to Env-Ws 1103.14(a)(2) the maximum allowable Heterotrophic Plate Count (HPC) in public bathing facility water is five hundred colony-forming units per one milliliter (500 cfu/mL). The Indoor Spa water contained greater than 50,000 cfu/mL.
 - (b) The maximum allowable concentration of non-coliform bacteria in public bathing facility water is two hundred counts per one hundred milliliters (200 CTS/100mL). The Indoor Spa water contained greater than 200 CTS/100mL.
- 2 Env-Ws 1103.16(e) requires a bromine concentration between 2.0 mg/L and 5.0 mg/L in public spa water, with an absolute maximum of 10 mg/L bromine. The bromine concentration of the Indoor Spa water was less than 0.1 mg/L on February 11, 2002.
- 3 Env-Ws 1103.15(d) requires a pH between 7.0 and 7.8 in public pool water. The pH of the Indoor Pool water was 8.0 on February 11, 2002.
- 4 Env-Ws 1103.16(f) requires a pH between 7.0 and 7.8 in public spa water. The pH of the Indoor Spa water was 8.0 on February 11, 2002.
- 5 Env-Ws 1104.01 requires the operator to test public bathing facility water for disinfectant residual, pH, and temperature prior to use of a public bathing facility and every 4 hours during operation, to record test results on a dated daily log sheet, and to maintain operational records for the previous twelve months and make these records available to DES and patrons of the public bathing facility upon request. Written records were not up to date at the time of the inspection relative to the required testing of the Indoor Pool and Indoor Spa water.

6. Pursuant to Env-Ws 1105.01(k)(8), suction outlets shall be provided with a cover that has been tested and approved by a nationally recognized testing laboratory. Flat grates under 10" diameter do not meet the requirements of ANSI/NSF Standard 50 or ASME/ANSI A112.19.8M ("Suction Fittings for use in Swimming Pools, Wading Pool, Spas, Hot Tubs, and Whirlpool Bath Applications"). The Indoor Pool has a flat grate under 10" diameter.

A report outlining how compliance will be achieved with the cited deficiencies should be submitted to DES within 30 calendar days from receipt of this letter. The report should include the following:

- A copy of two weeks of water quality test results for all facilities (please do not send originals).
- 2. The type, manufacture, and model of the main drain cover to be installed.
- 3. A timetable of when the pool main drain cover will be replaced.

DES personnel will conduct another inspection at a later date to determine whether you have come into, and are maintaining, full compliance with RSA 485-A:26 and Env-Ws 1101-1105. After a violation of Env-Ws 1103.14, the facility will be required to pass two inspection in the following months. In the event that compliance is not achieved, DES may take further action, including seeking an administrative fine up to \$2,000 for each offense or referring the case to the NH Attorney General's Office for judicial action.

We appreciate your cooperation in this matter. Please contact Amy Wilson at (603) 271-7108 if you have any questions regarding this letter. Copies of Env-Ws 1101-1105 are available through the DES Public Information Center at (603) 271-2975 or via the Internet at <http://www.des.state.nh.us/pools/env1100.pdf>.

Sincerely,


COPY

Jody Connor
Limnology Center Director

cc Gretchen C. Rule, Enforcement Coordinator, DES ✓
 Russell A. Nylander, P.E., Chief Engineer, WD/DES
 Amy Wilson, Public Bathing Facility Coordinator, DES
 Gene Chandler, Health Officer, Town of Bartlett